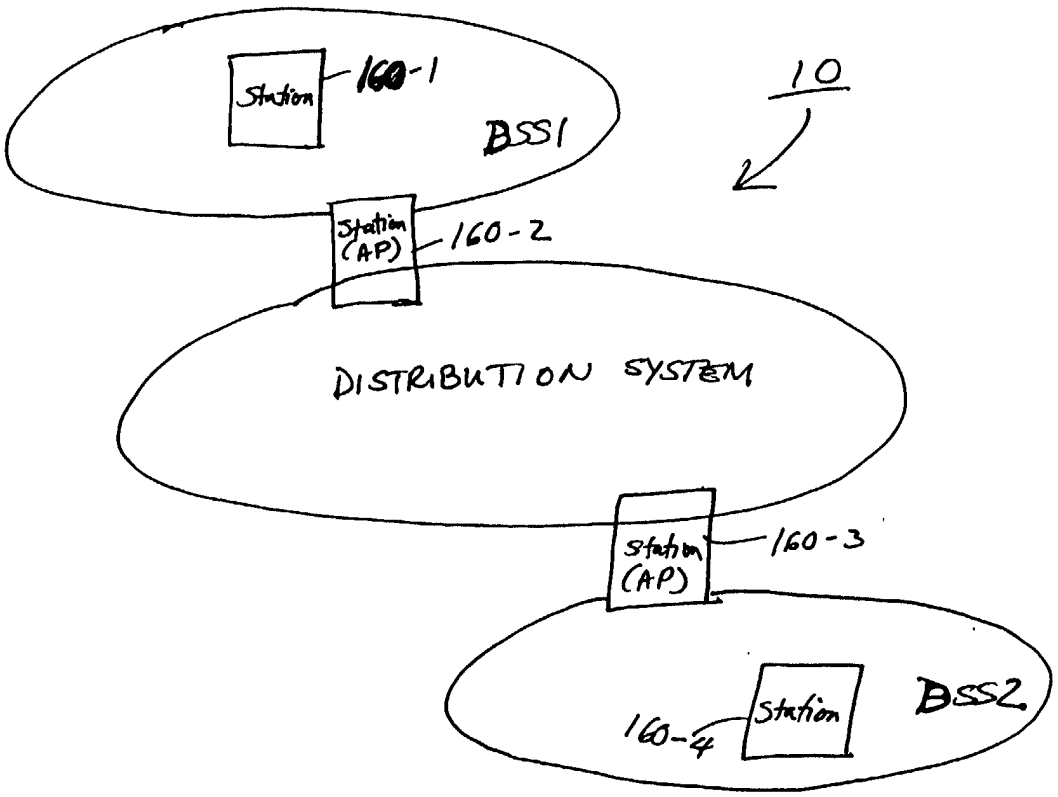
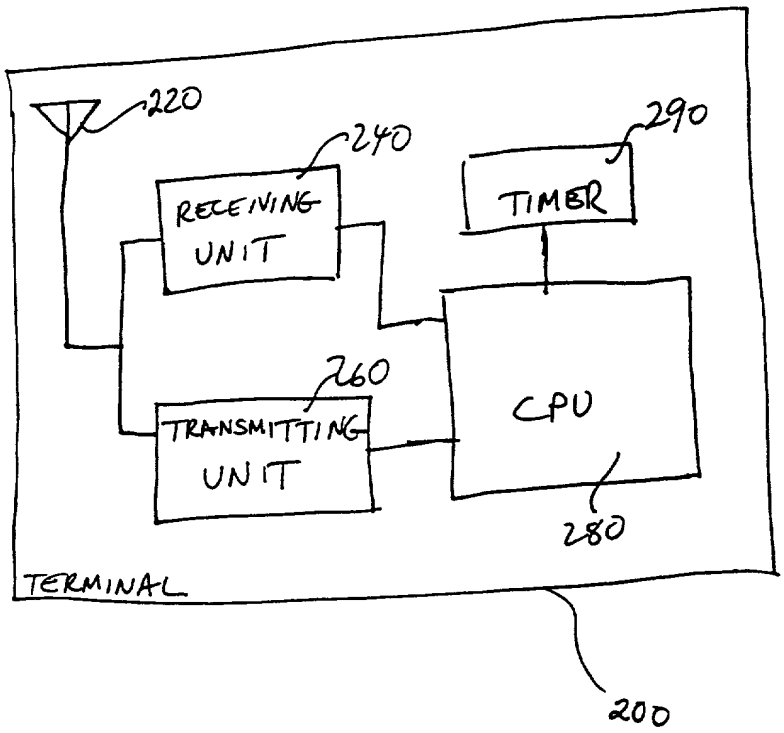

Station
160-1
BSS1
10
Station (AP)
160-2
DISTRIBUTION SYSTEM
Station (AP)
160-3
160-4
Station
BSS2

FIG. 1

FIG. 2


220
240
290
RECEIVING UNIT
TIMER
260
TRANSMITTING UNIT
CPU
280
TERMINAL
200

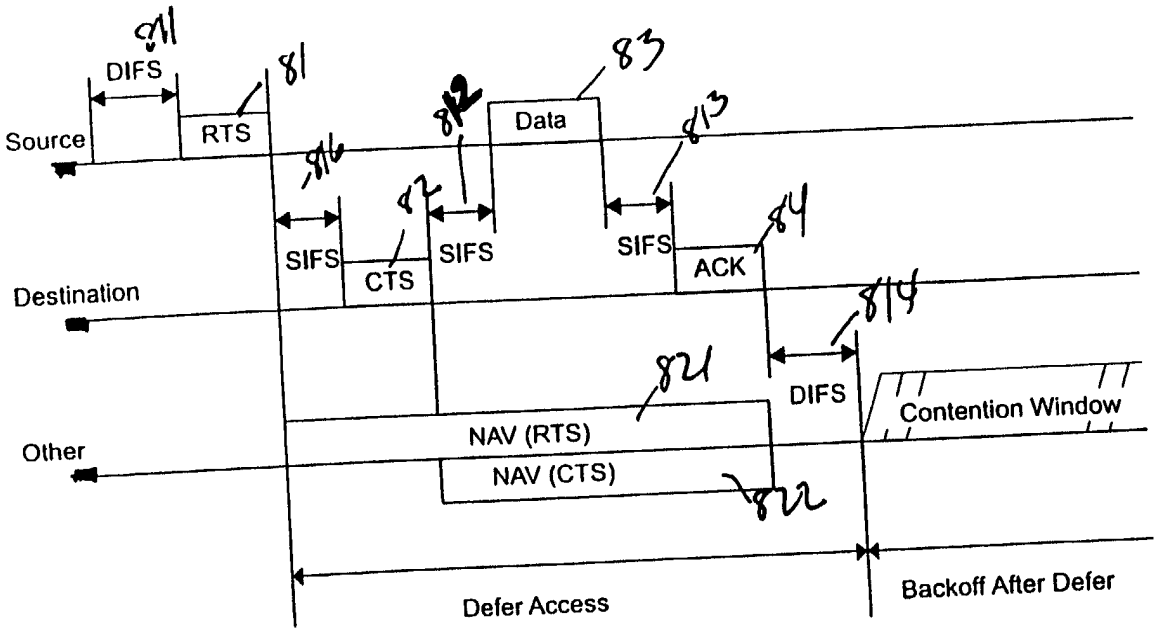

DIFS
RTS
Source
SIFS
CTS
SIFS
Data
SIFS
ACK
Destination
DIFS
Contention Window
NAV (RTS)
NAV (CTS)
Other
Defer Access
Backoff After Defer

FIG. 3

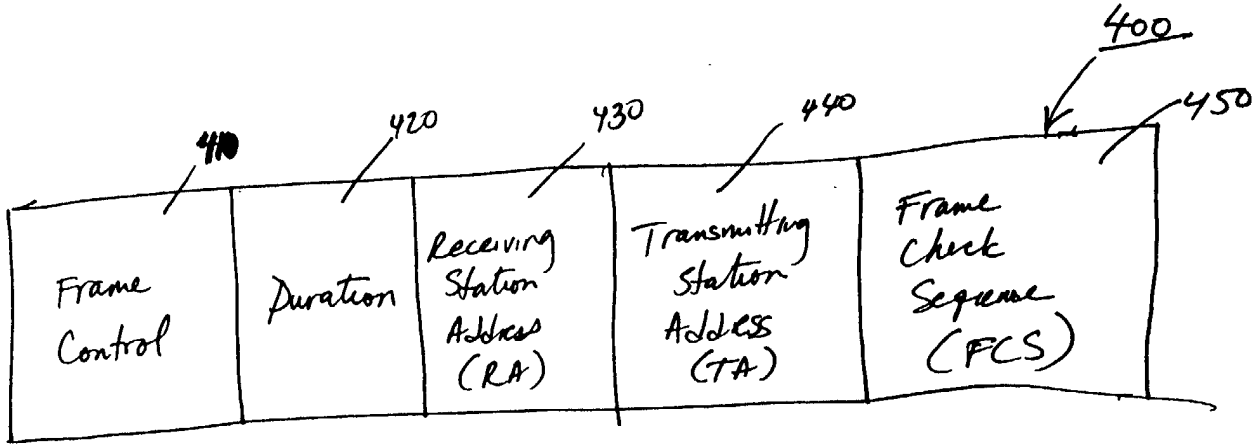

400
410
420
430
440
450
Frame Control
Duration
Receiving Station Address (RA)
Transmitting Station Address (TA)
Frame Check Sequence (FCS)

FIG. 4

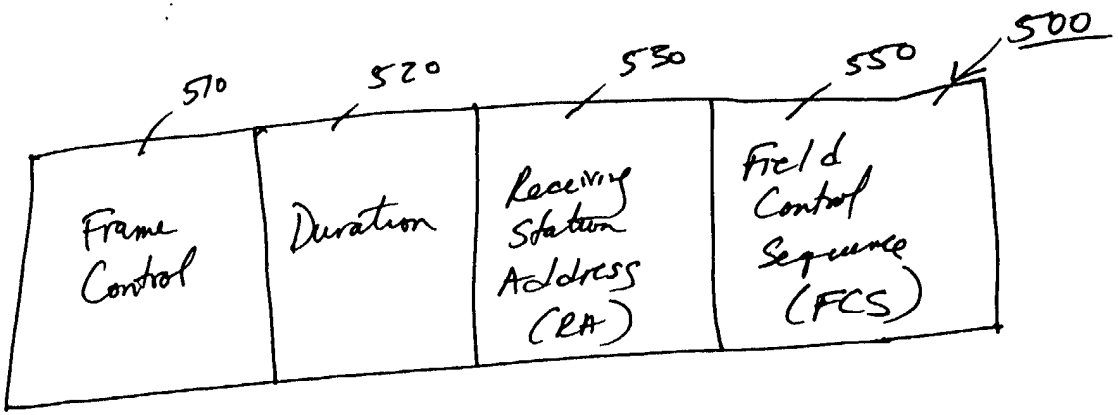

500
510
520
530
540
Frame Control
Duration
Receiving Station Address (RA)
Field Control Sequence (FCS)

FIG. 5

FIG. 6

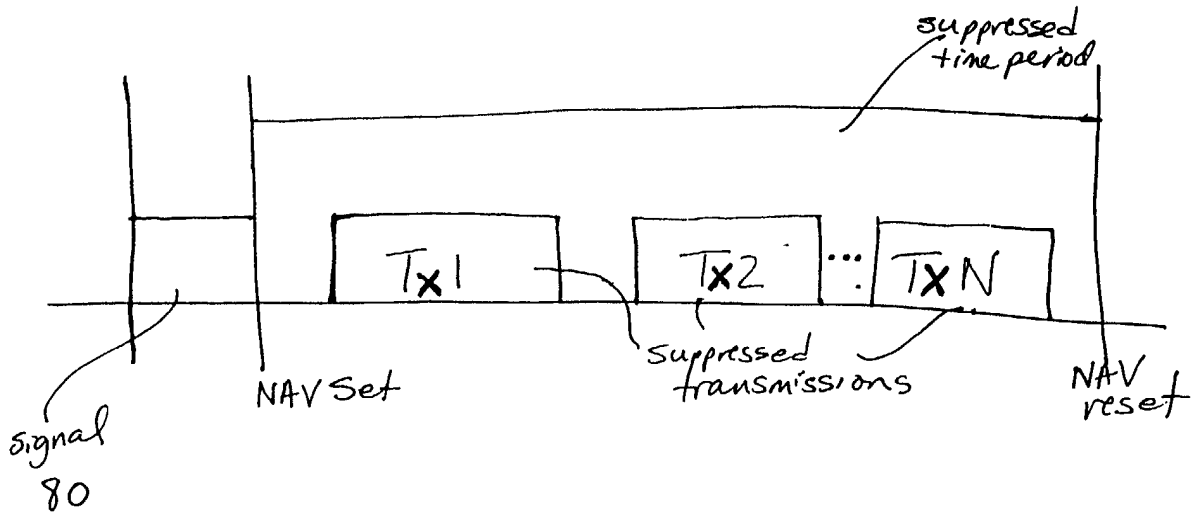
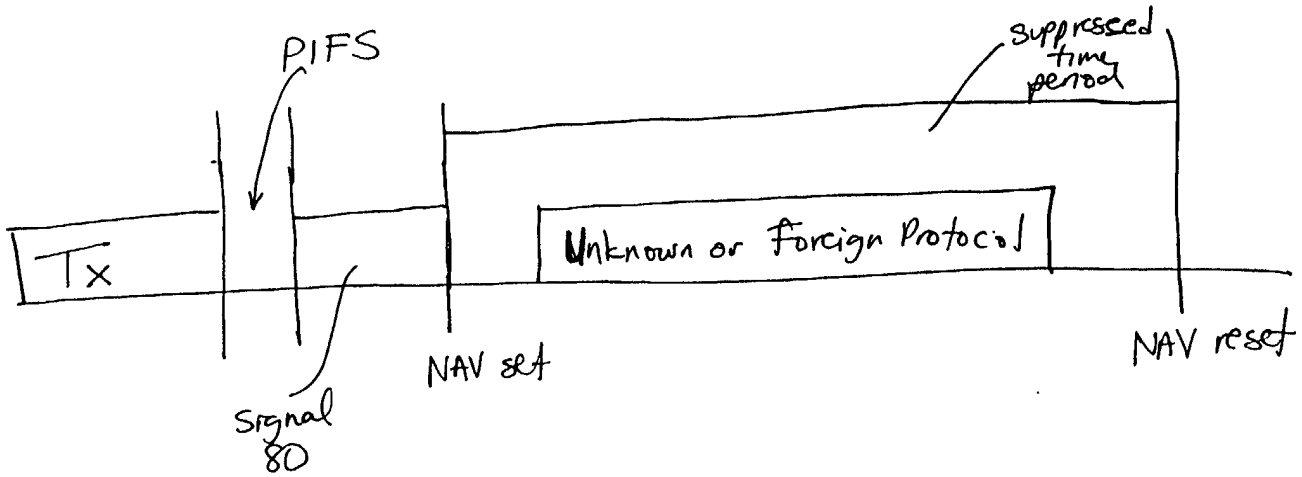

suppressed
time period
Tx1
Tx2
TxN
signal
80
NAV Set
suppressed
transmissions
NAV
reset

FIG. 7


PIFS
suppressed time period
Tx
Unknown or Foreign Protocol
NAV set
NAV reset
Signal 80

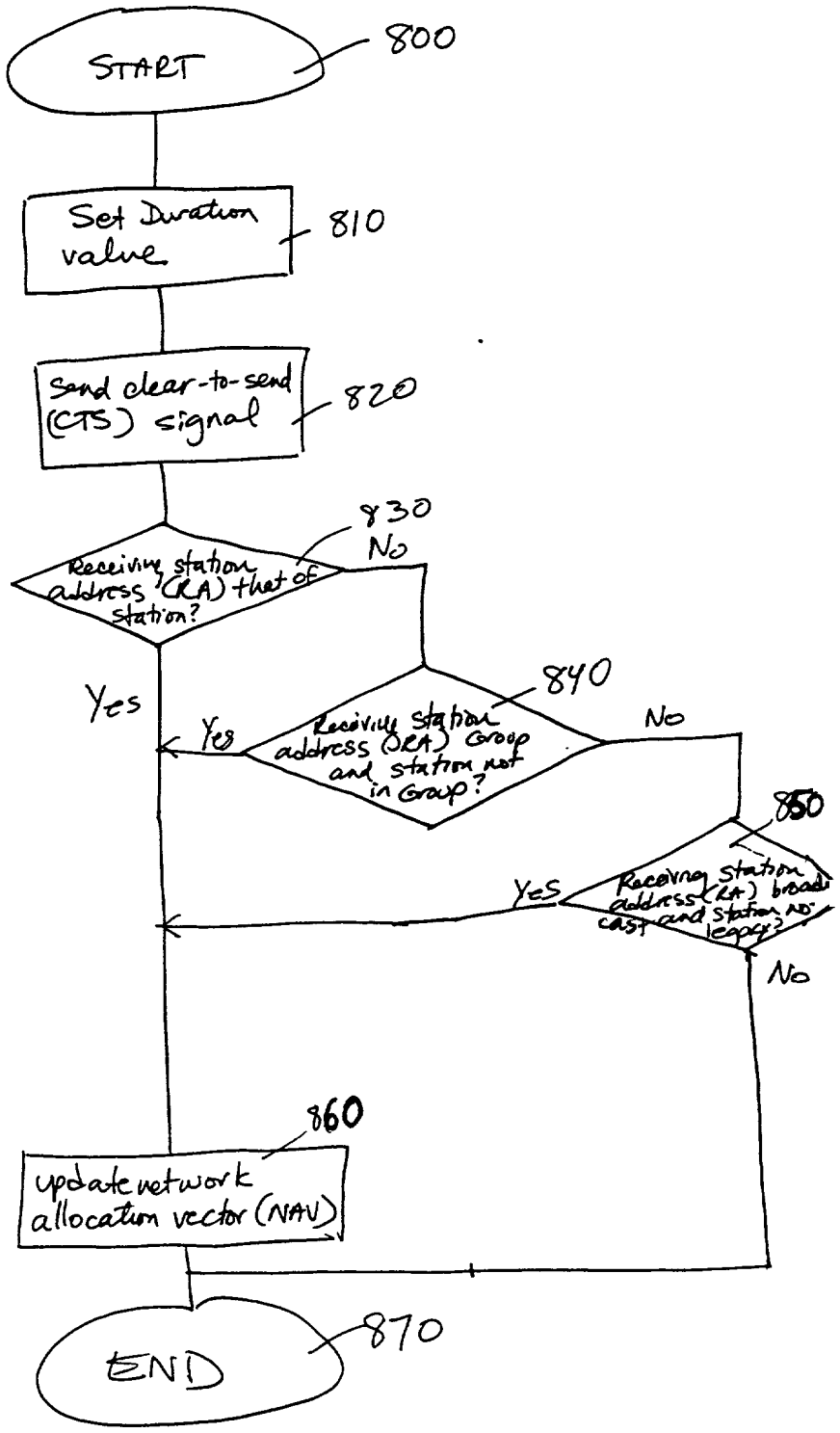

START
800
Set Duration value
810
Send clear-to-send (CTS) signal
820
Receiving station address (RA) that of station?
830
No
Yes
Yes
Receiving station address (RA) Group and station not in Group?
840
No
Yes
Receiving station address (RA) broadcast and station not legacy?
850
No
update network allocation vector (NAV)
860
END
870

FIG. 8

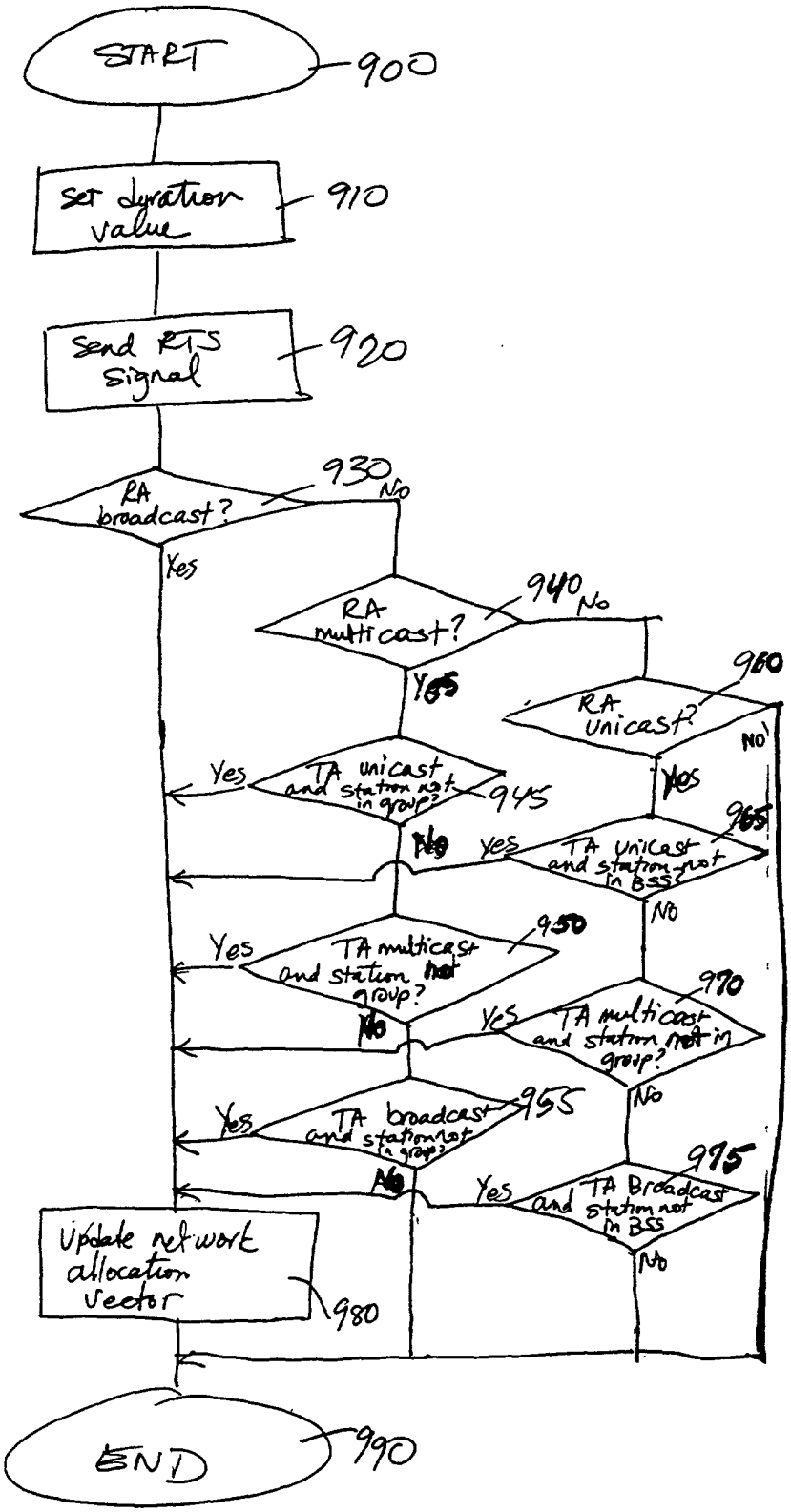

START
900
Set duration value
910
Send RTS signal
920
RA broadcast?
930
No
Yes
RA multicast?
940
No
Yes
RA unicast?
960
No
Yes
TA unicast and station not in group?
945
Yes
No
TA unicast and station not in BSS
965
Yes
No
TA multicast and station not in group?
950
Yes
No
TA multicast and station not in group?
970
Yes
No
TA broadcast and station not in group?
955
Yes
No
TA Broadcast and station not in BSS
975
Yes
No
Update network allocation vector
980
END
990

FIG. 9.

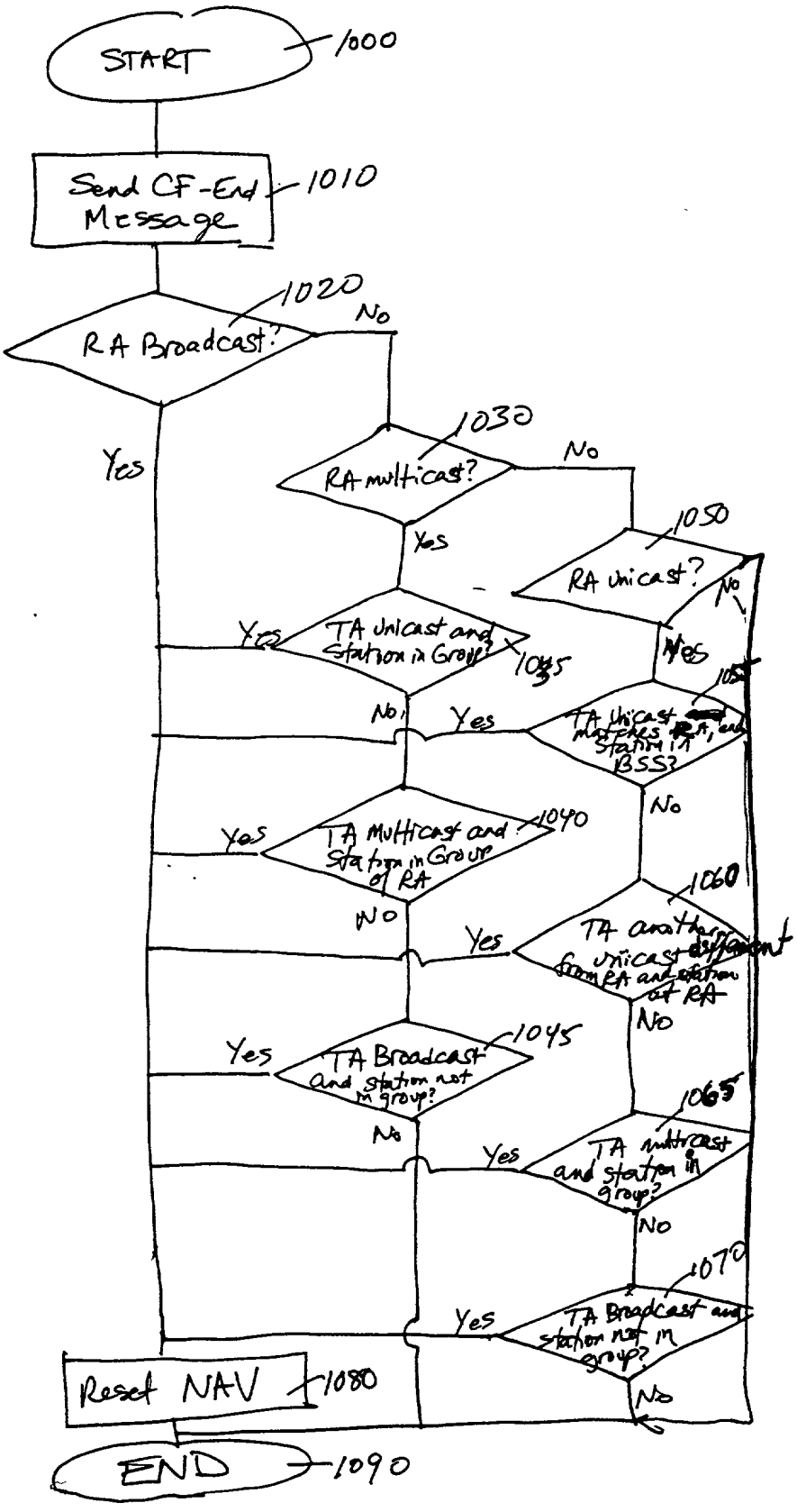
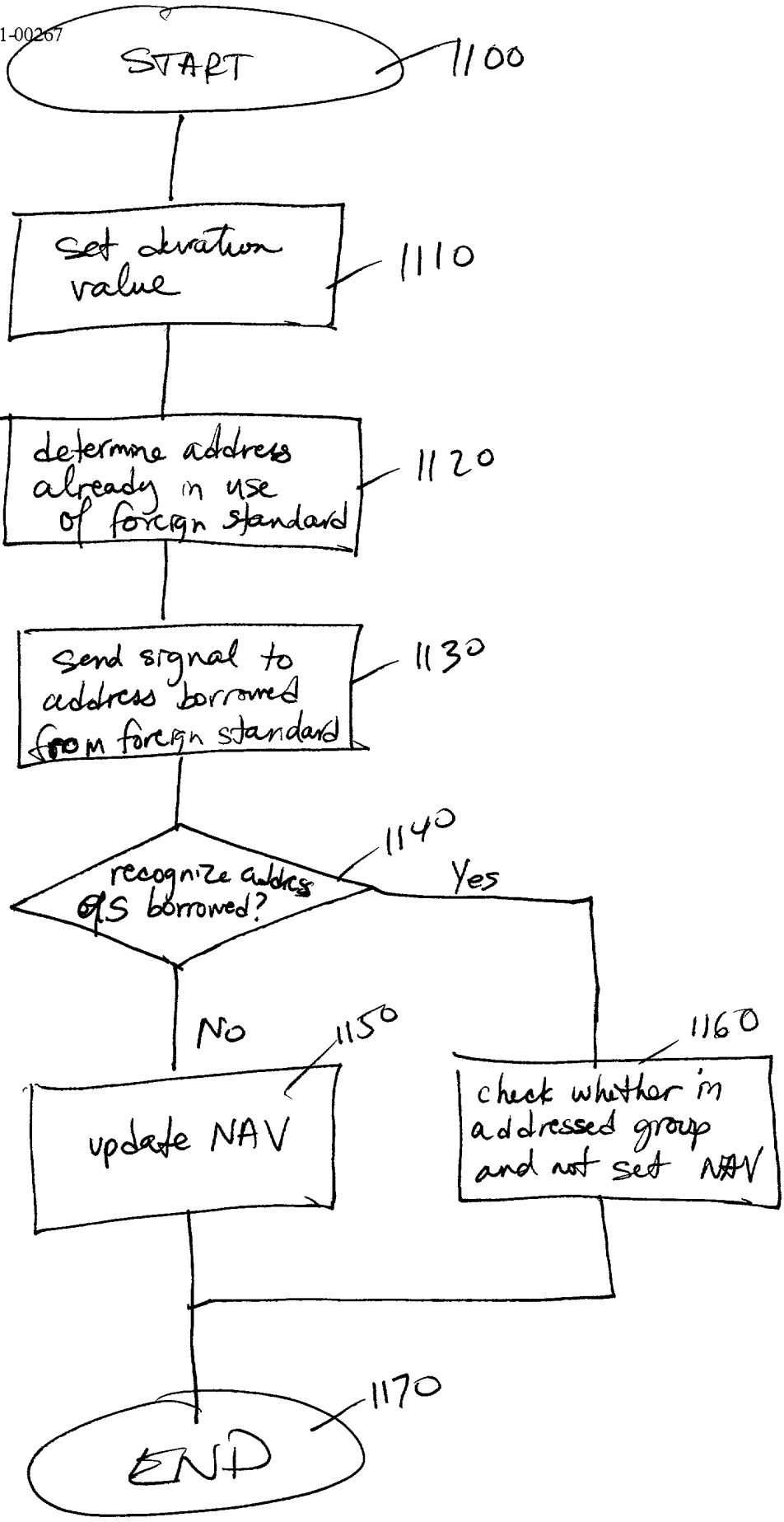

START
1000
Send CF-End Message
1010
RA Broadcast?
1020
No
Yes
RA multicast?
1030
No
Yes
RA unicast?
1050
No
Yes
TA unicast and station in Group?
1035
Yes
No
TA unicast and station in BSS?
Yes
No
TA Multicast and Station in Group of RA
1040
Yes
NO
TA another unicast different from RA and station of RA
1060
Yes
No
TA Broadcast and station not in group?
1045
Yes
No
TA multicast and station in group?
1065
Yes
No
TA Broadcast and station not in group?
1070
Yes
No
Reset NAV
1080
END
1090

FIG. 10

FIG. 11


START
1100
set duration value
1110
determine address already in use of foreign standard
1120
send signal to address borrowed from foreign standard
1130
recognize address as borrowed?
1140
Yes
No
update NAV
1150
check whether in addressed group and not set NAV
1160
END
1170